



Oklahoma Department of Environmental Quality

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## **Standard Operating Procedures for Phase II/V Waiver Program**

**February 13, 2012**

**Purpose:**

The Phase II/V Regulations became effective January 1, 1993. These regulations contain monitoring requirements and maximum contaminant levels for 13 inorganic (IOCs), 21 volatile organic chemicals (VOCs), 37 synthetic organic chemicals (SOCs) and numerous unregulated chemicals. Waivers are available to water systems to reduce or eliminate the number of samples a system must take while not jeopardizing public health.

**Scope:**

Waivers are available for IOCs (excluding nitrate, nitrites, and arsenic), VOCs and SOCs. Waivers are available for Community and Non-Transient, Non-Community water systems of any population and from any source. There are currently three different types of waivers: "Sampling Result Waiver", "Use Waiver" and "Continuance of Waiver". A "Sampling Result Waiver" is a waiver dependent on past sampling results that meet a certain criteria. A "Use Waiver" is a waiver dependent on known locations/use of contaminants and proximity to source. A "Continuance of Waiver" is the reapplication of waiver.

**Waiver Effectiveness and Methodology:**

IOC waivers are effective for an entire compliance cycle (9 years). One sample must be collected during the waiver period and waiver must be renewed every 9 years. Waivers are granted for IOCs based on past analyses. If a water system is new or gains a new source, initial routine sampling monitoring requirements will be mandatory. Initial routine sampling monitoring requirements are as follows. Groundwater systems sample once during initial 3 year compliance period. Surface water systems sample annually during initial 3 year compliance period.

VOC waivers for ground water entry points are effective for the current compliance period as well as the following compliance period (effective 6 years). VOC waivers for surface water entry points are effective for only the current compliance period (effective 3 years). Waivers are evaluated based on initial monitoring requirements and granted once a sampling point proves to be reliably and consistently below the MCL.

SOC waivers once granted will need to be renewed every three years. Systems granted SOC waivers are not required to monitor. Waivers are granted based on either a Sample Results Waiver showing no detection of SOCs or a Use Waiver indicating know locations/use of contaminants and proximity to the source.

**Procedure:**

Using the Phase II/V Monitoring Waiver Packet, water systems are to collect the information necessary to evaluate their eligibility for monitoring waivers. Waivers are granted per entry point to the distribution system. Community and non-transient non-community public water systems are responsible for applying for the waivers and completing all the necessary documentation. For "Sampling Results

Waiver”, assess that three consecutive years or three consecutive compliance periods (GW IOC only) of SOC, IOC or VOC samples have been taken and all results were “no detect”.

For “Continuance of Waiver “, assess that the system is currently under a waiver. Current waivers are to be noted in SDWIS/Monitoring/Monitoring Waivers.

For “Use Waiver” (SOC only), assess if any features are indicated to be located within a ¼ mile of the source. If features were checked yes, ascertain that the Ag/Chem usage form was completed. Any chemicals marked in current or past use cannot be granted a SOC Waiver.

Once waiver is approved, the SDWIS Data Entry Coordinator will enter the waiver into the SDWIS Database.

### **SDWIS Data Entry Steps**

Assure separate waiver sheet for each entry point.

In SDWIS/State (2.3 current release)

Go to Monitoring, Monitoring Wavers, Select Add

The first section “Monitoring Waivers” will address the effective dates and the status of the waiver (e.g. granted or denied)

**Monitoring Waiver Maintenance - Add**

**Monitoring Waivers**

State Asgn ID	<input type="text"/>	* Status	<input type="text" value="Granted"/>
Effective Begin Date	<input type="text"/>	Effective End Date	<input type="text"/>
Application Date	<input type="text"/>		
Comments	<input type="text"/>		
	Denial Comments	<input type="text"/>	

Figure 1

Step 1: The State Asgn ID field should state the rule covered and the date range (e.g. SOC 2011-2013).

Step 2: Assign status to Granted, Denied, Under Review or Proposed.

Step 3: Assign effective date range and insert the date of application.

Step 4: insert comments as necessary.

The second section “Monitoring Requirements being Waived” covers the analytes or analyte groups that the waiver will cover as well as the monitoring frequency.

The screenshot shows a form section titled "\* Monitoring Requirement being Waived". It contains two rows of input fields. The first row has "Analyte Code" followed by a text box and a ">>" button, then the word "or", then "Analyte Group Code" followed by a text box and a ">>" button. The second row has "\* Samples Required" followed by a ">>" button, a text box containing "0", a dropdown menu showing "<NONE>", the word "per", another dropdown menu showing "<NONE>", and finally "Vio. Type" followed by a text box.

Figure 2

The third section “Waiver Evaluated by” covers by whom the waiver was reviewed by.

The screenshot shows a form section titled "Waiver Evaluated by". It contains three rows of input fields. The first row has "\* Regulating Agency" followed by a text box containing "OKLA DEPARTMENT OF ENVIRONMENTAL QUALITY" and a ">>" button. The second row has "Agency Response Date" followed by a text box and a calendar icon. The third row has "Compliance Officer" followed by a text box and a ">>" button.

Figure3

The fourth section “Water Systems” covers the water system that the waiver is under review for.

## Water Systems

[illegible]

Figure 4

Click Associate. The water system search page pulls up; select water system by entering the PWSID or the Water System name.

Highlight the water system Edit/select.

The fifth section “Sampling Point” covers the sampling entry points covered by the waiver.

[illegible]

Number of Rows Displayed 0 of 0



Disassociate

Click Associate, highlight the correct entry point. Click Edit/Select

When finished select OK.

SOC "Sampling Results Waiver" Pre-Assessment form

System PWSID: \_\_\_\_\_ System name: \_\_\_\_\_

Water System Facility ID: \_\_\_\_\_ WSF Name: \_\_\_\_\_

SDWIS Code	Chemical Name	2005	2006	2007	2008	2009	2010
2110	2,4,5-tp (Silvex)						
2105	2,4-D						
2051	Alachlor						
2050	Atrazine						
2306	Benzo(a)pyrene						
2035	Bis(2-ethylhexyl)adipate						
2298	Bis(2-ethylhexyl)phthalate						
2046	Carbofuran						
2959	Chlordane						
2031	Dalapon						
2931	Dibromochloropropane						
2041	Dinoseb						
2032	Diquat						
2033	Endothall						
2005	Endrin						
2946	Ethylene Dibromide						
2034	Glyphosate						
2065	Heptachlor						
2067	Heptachlor Epoxide						
2274	Hexachlorobenzene						
2042	Hexachlorocyclopentadiene						
2010	Lindane						
2015	Methoxychlor						
2036	Oxamyl						
2383	Polychlorinated Biphenyls(PCB)						
2326	Pentachlorophenol						
2040	Picloram						
2037	Simazine						
2020	Toxaphene						